

**IN THE SPECIFICATION:**

*Please amend the abstract of the disclosure as follows:*

A system for integrating broadcast and communication technologies is ~~provided.~~  
~~The integration system comprising performs a connection between an~~ optical-line  
terminal (OLT), a optical-network unit (ONU) and a user gateway~~as well as a connection~~  
~~between an optical line terminal (OLT) and the ONU using an optical line, wherein a~~  
broadcast signal is and processes a broadcast signal on~~processed on~~ the basis of time  
division multiplexing (TDM) such that the quality of a broadcast service can be ensured.  
~~The OLT receives at least one digital broadcast signal through an external broadcast~~  
~~network and at least one external data communication signal, then electro-optically~~  
~~converts the received signals, combines the electro-optically converted signals to form an~~  
~~optical signal, and transmits the optical signal on the basis of optical wavelength division~~  
~~multiplexing (WDM).~~ The ONU separates the optical signal transmitted from the OLT  
into the broadcast signal and the communication signal, processes upstream information  
transmitted from a user, and optically transmits the broadcast signal and the  
communication signal selected on a user-by-user basis, on the basis of a time slot. Finally,  
the ~~A user gateway is further provided in the system to convert opto-electrically~~ converts  
a time slot-based optical signal transmitted from the ONU, separate the time slot-based  
optical signal into individual signals, distribute the individual signals on a service-by-  
service basis, and optically transmit the upstream information from the user to the ONU.